

FIG. 1

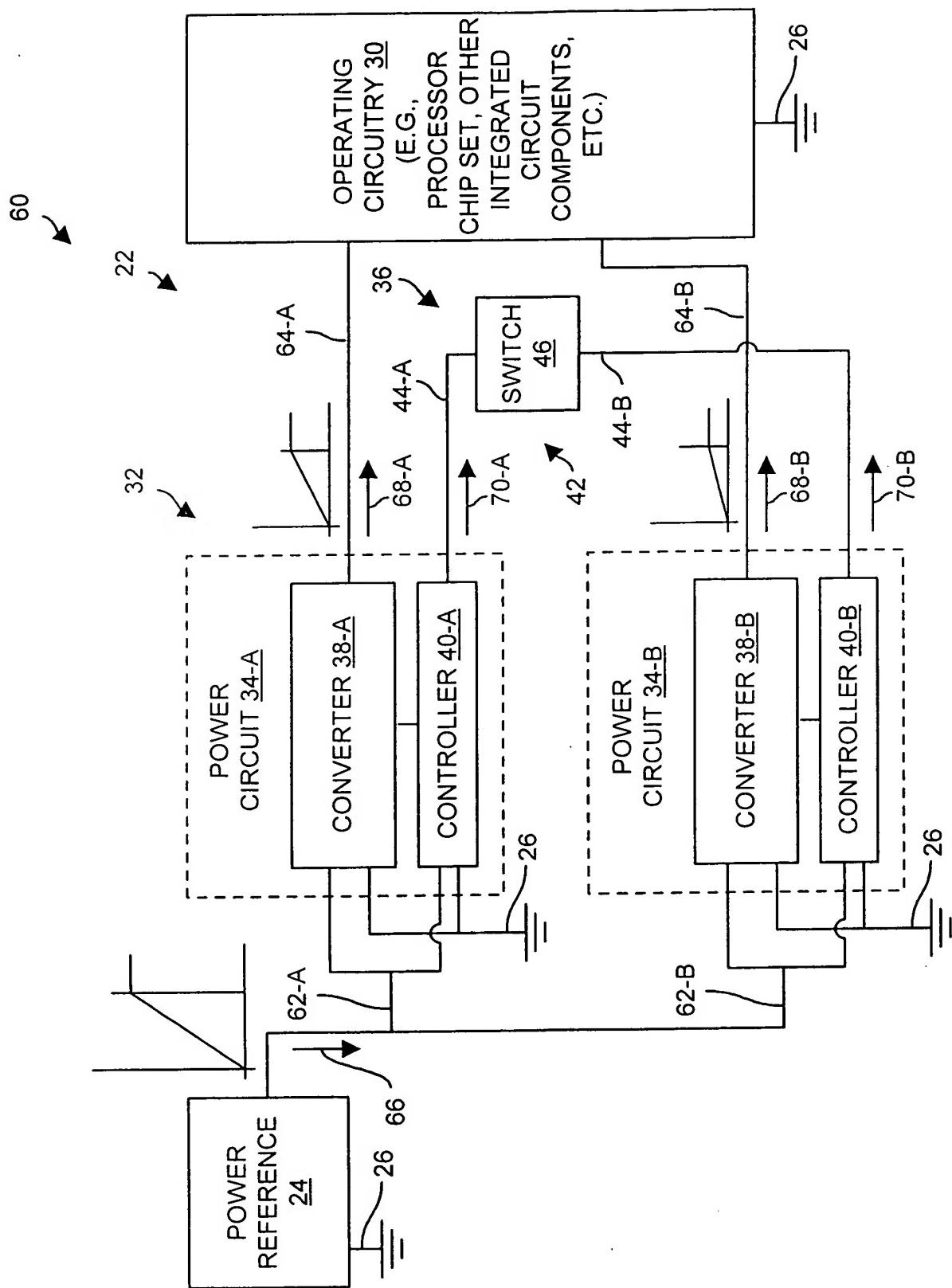


FIG. 2

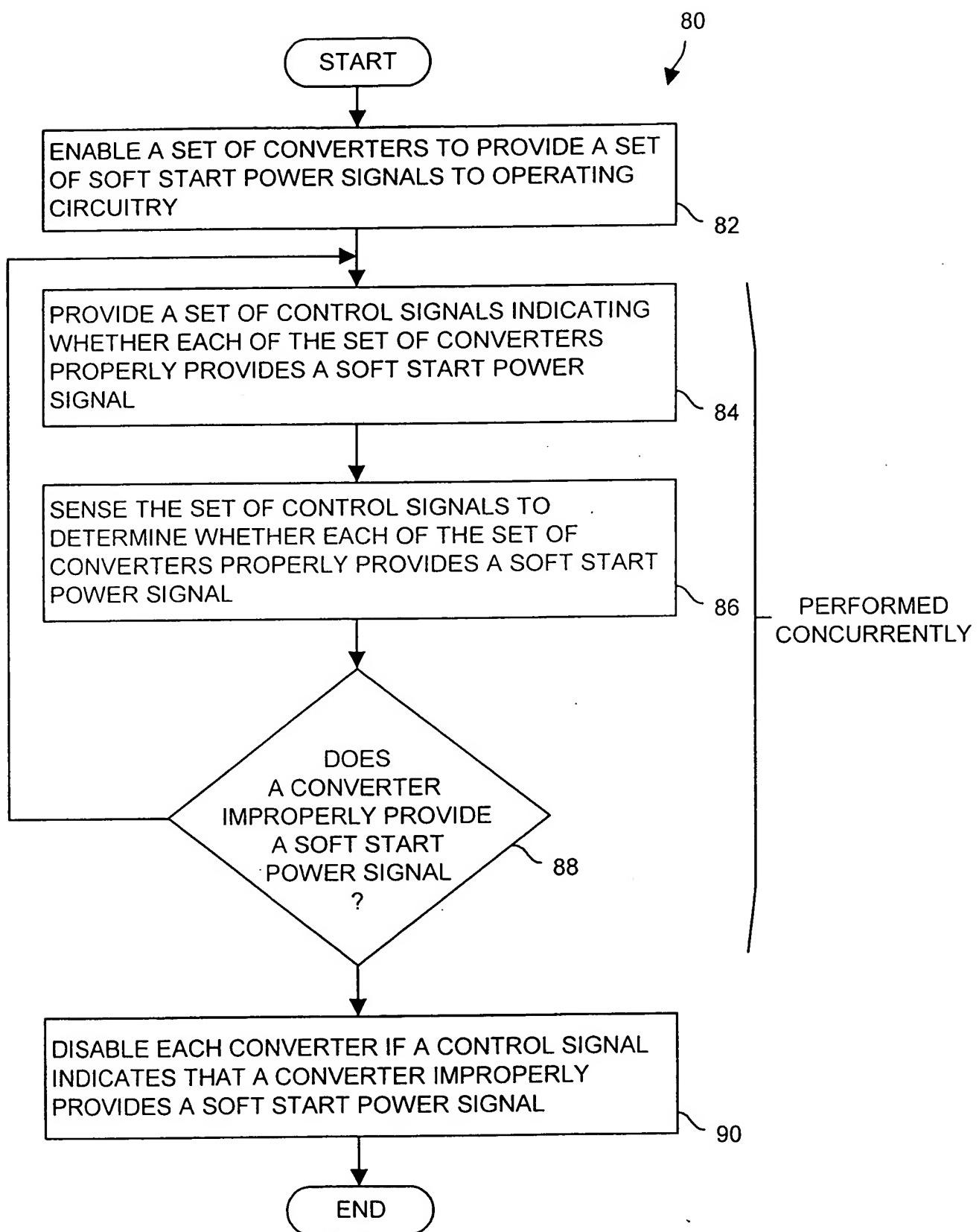


FIG. 3

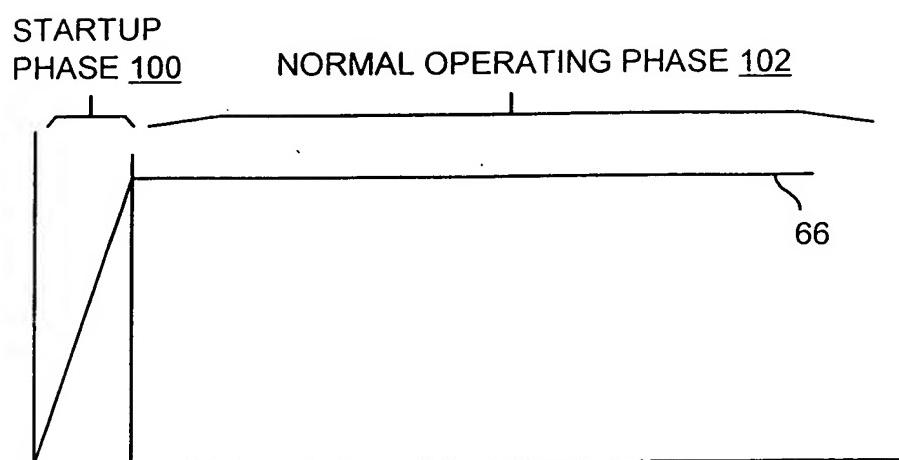


FIG. 4A

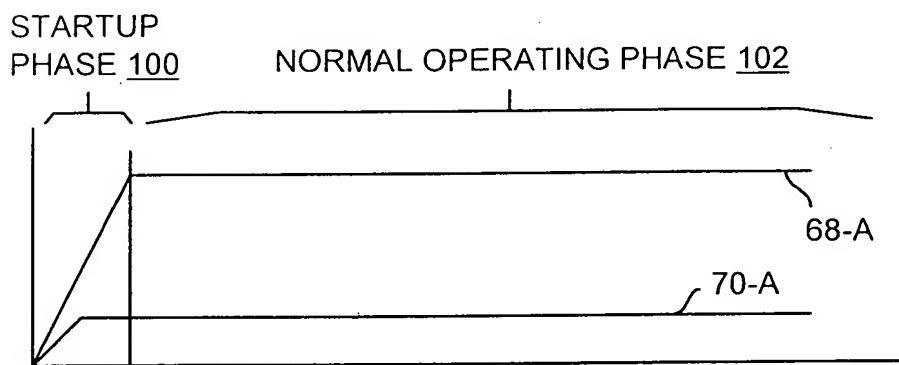


FIG. 4B

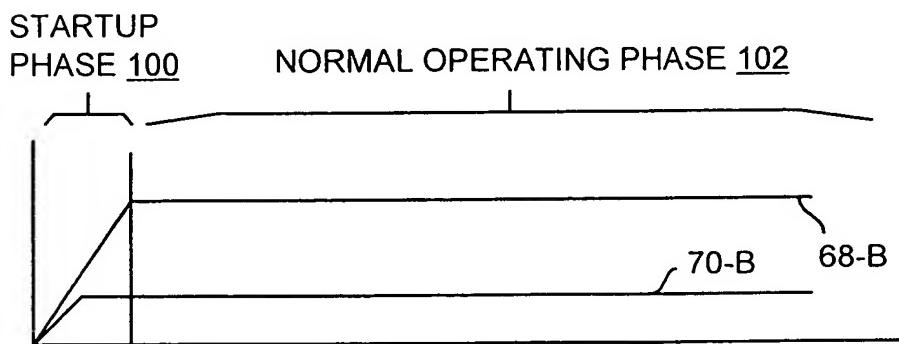


FIG. 4C

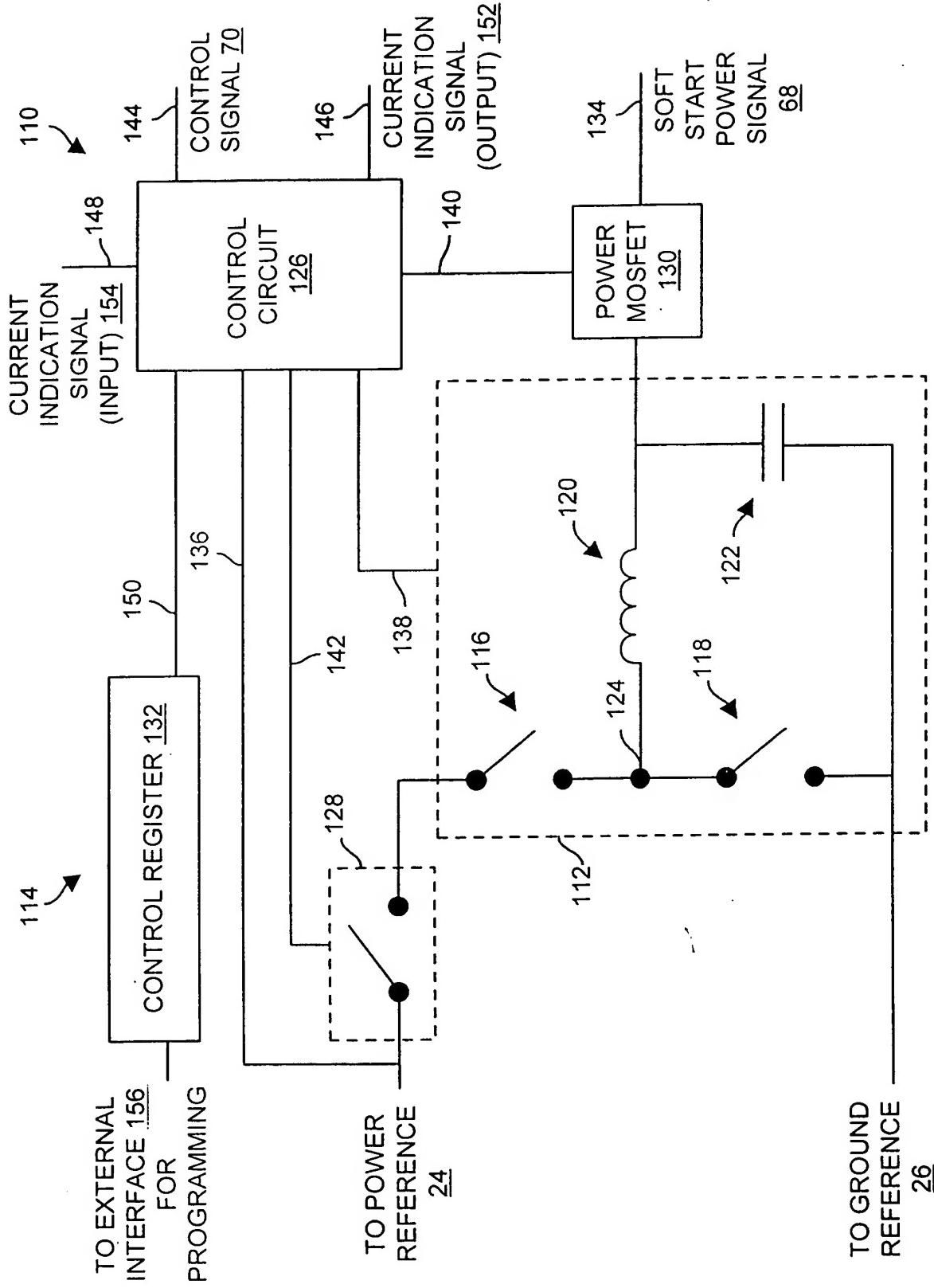


FIG. 5

TO GROUND  
REFERENCE  
26

TO POWER  
REFERENCE  
24

**TO EXTERNAL  
INTERFACE 156  
FOR  
PROGRAMMING**  
114

**CONTROL REGISTER 132**  
150  
**CONTROL CIRCUIT 126**  
136  
**POWER MOSFET 130**  
140  
**CURRENT INDICATION SIGNAL (INPUT) 154**  
148  
**CURRENT INDICATION SIGNAL (OUTPUT) 152**  
146  
**CONTROL SIGNAL 70**  
144  
**CURRENT INDICATION SIGNAL (INPUT) 110**  
114

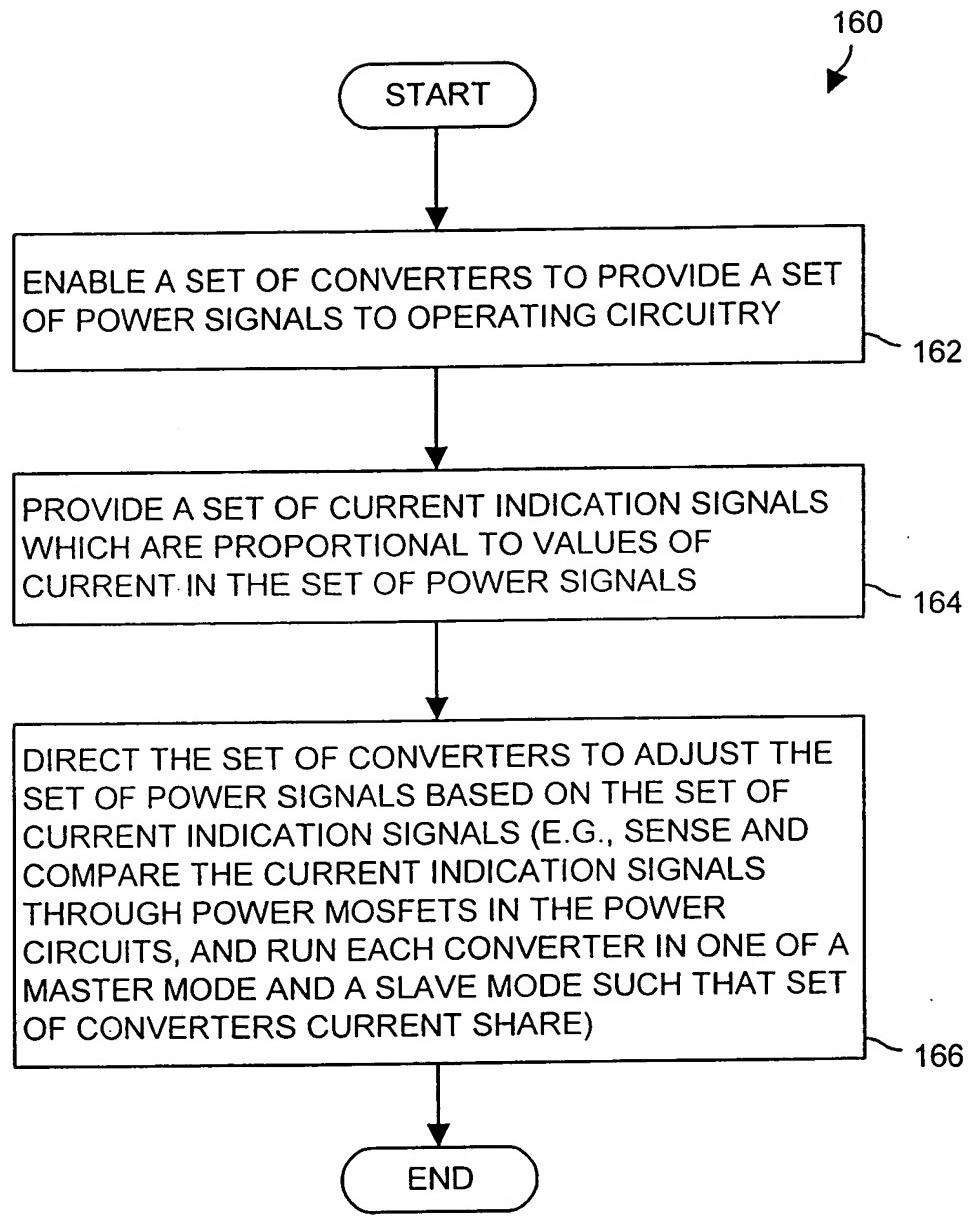


FIG. 6

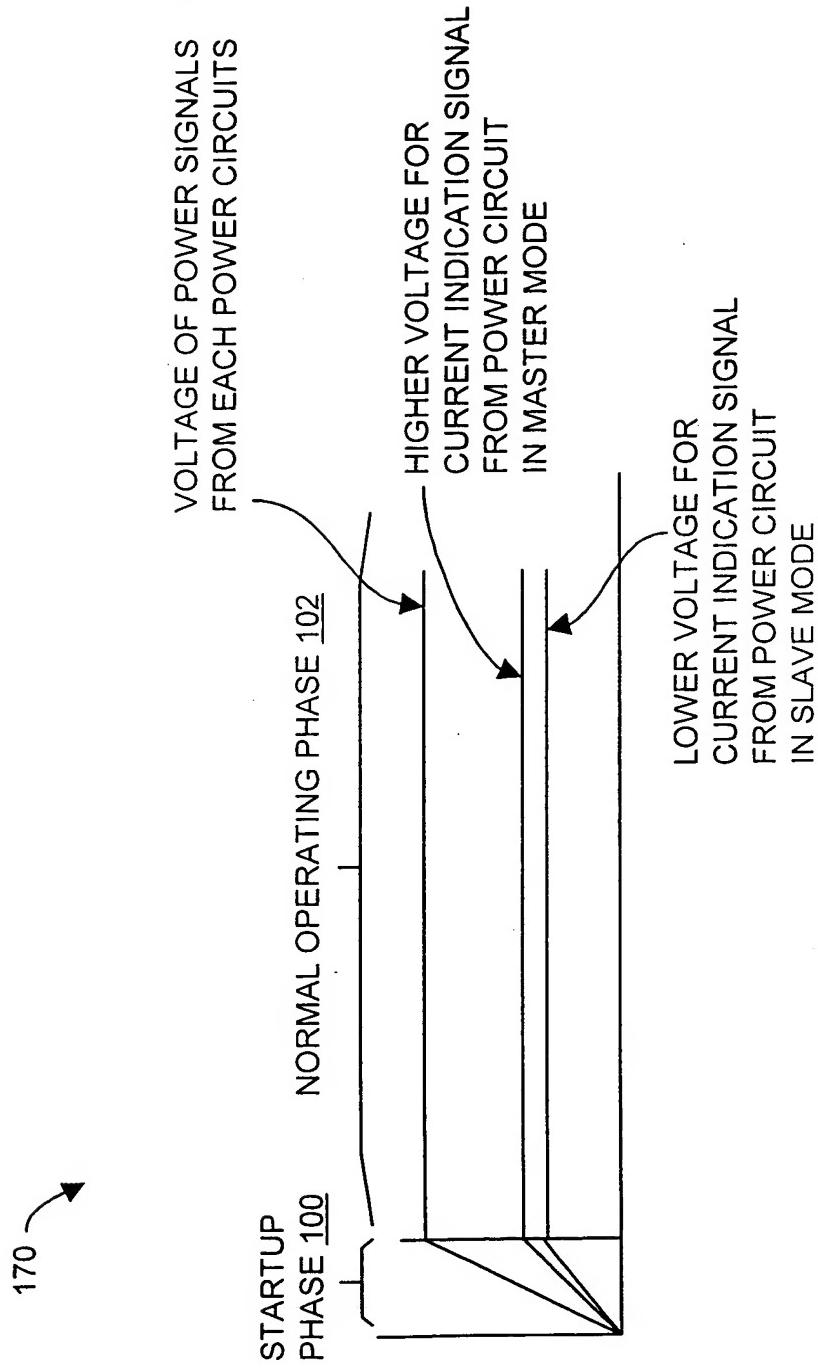


FIG. 7

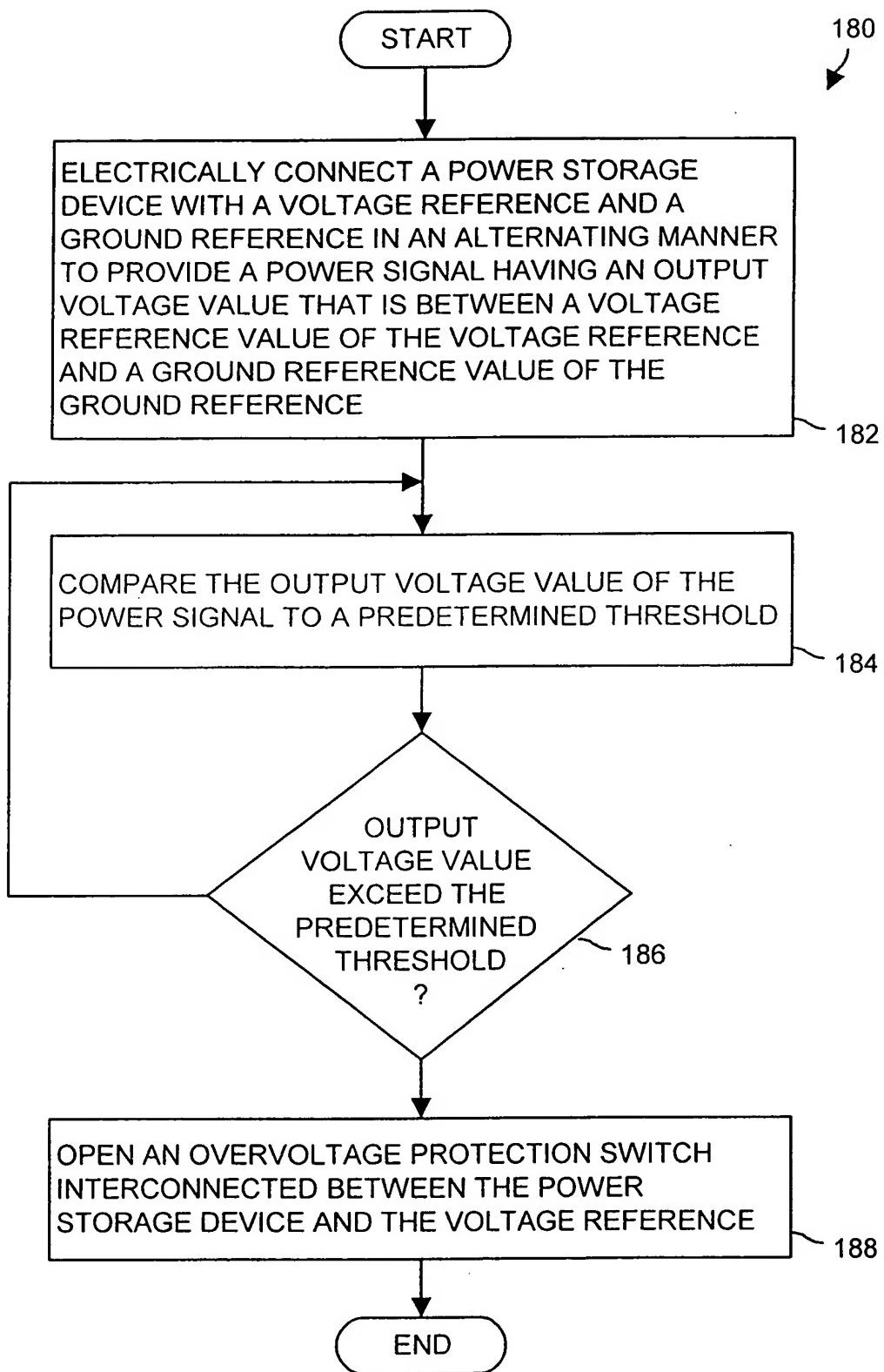


FIG. 8

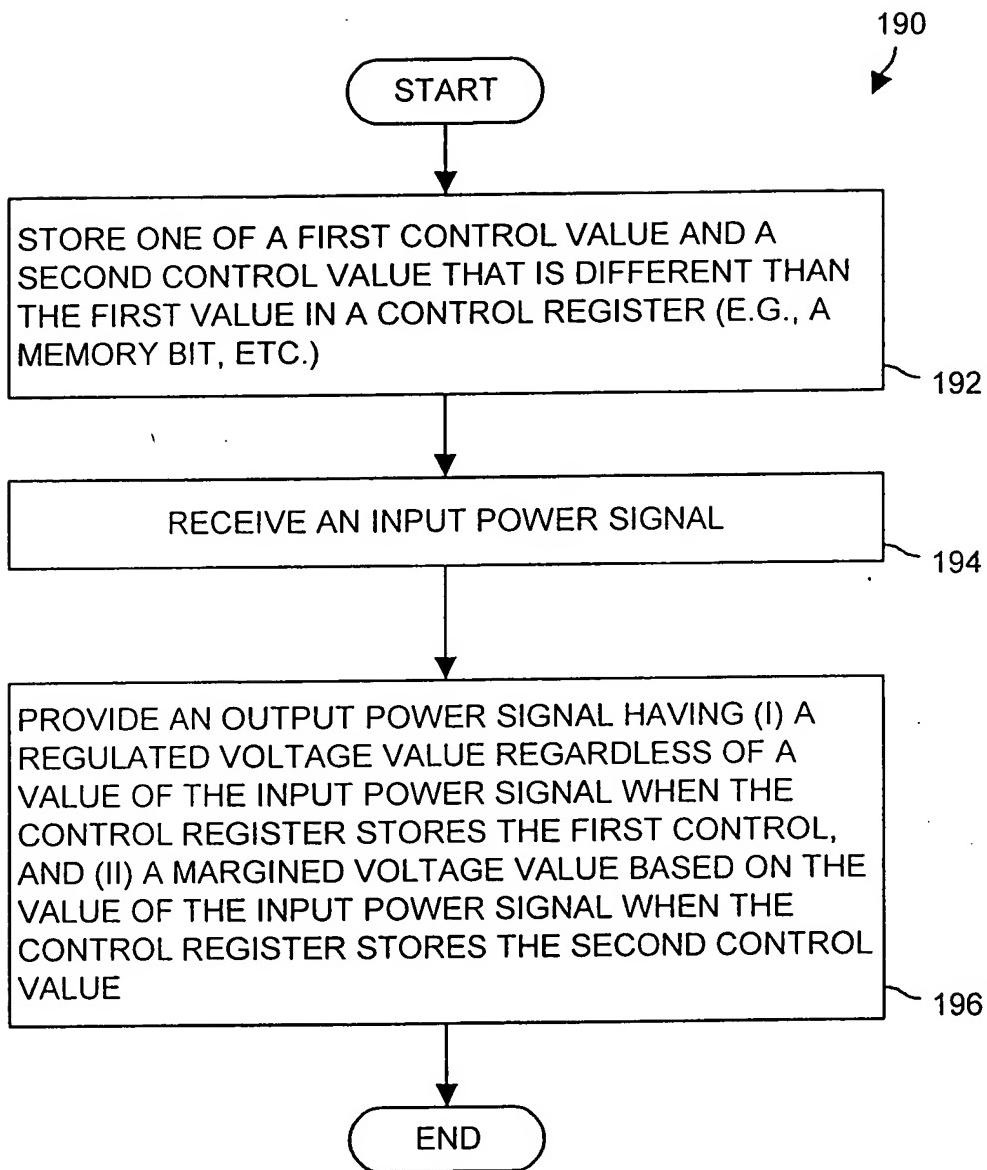


FIG. 9